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C. Lance Terry
Group Vice President

November 15, 1994

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES) - UNITS 1 AND 2
DOCKET NOS. 50-445 AND 50-446
MONTHLY OPERATING REPORT FOR OCTOBER 1994

Gentlemen:

Attached is the Monthly Operating Report for October 1994, prepared and submitted pursuant to Technical Specification 6.9.1.5 contained in Appendix A to the Comanche Peak Steam Electric Station Units 1 and 2 Operating License Nos. NPF-87 and NPF-89, respectively.

Sincerely,

C. L. Terry

C. L. Terry

By: *Roger D. Walker*
Roger D. Walker
Regulatory Affairs Manager

JMK/jmk

Attachment

c - Mr. L. J. Callan, Region IV
Mr. D. D. Chamberlain, Region IV
Resident Inspectors, CPSES (2)
Mr. T. J. Polich, NRR

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COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1
NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 11/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

OPERATING STATUS

1. REPORTING PERIOD: OCTOBER 1994	GROSS HOURS IN REPORTING PERIOD: 745		
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3411 DESIGN ELECTRICAL RATING (MWe-Net): 1150	MAX. DEPEND. CAPACITY (MWe-Net): 1150 *		
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net):	NONE		
4. REASON FOR RESTRICTION (IF ANY):	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	745	7,249	29,788
6. REACTOR RESERVE SHUTDOWN HOURS	0	47	2,401
7. HOURS GENERATOR ON LINE	745	7,245	29,338
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,532,295	24,464,508	94,214,313
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	849,788	8,177,164	31,312,421
11. NET ELECTRICAL ENERGY GENERATED (MWH)	815,066	7,850,479	29,846,330
12. REACTOR SERVICE FACTOR	100.0	99.4	80.6
13. REACTOR AVAILABILITY FACTOR	100.0	100.0	87.1
14. UNIT SERVICE FACTOR	100.0	99.3	79.3
15. UNIT AVAILABILITY FACTOR	100.0	99.3	79.3
16. UNIT CAPACITY FACTOR (USING MDC)	95.1	93.6	70.2
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	95.1	93.6	70.2
18. UNIT FORCED OUTAGE RATE	0.0	0.7	4.8
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling Outage scheduled to begin March 2, 1995 with an estimated duration of 9 weeks.			
20. IF SHUTDOWN AT END OF REPORTING PERIOD, ESTIMATED DATE OF STARTUP:			
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	ACHIEVED		
COMMERCIAL OPERATION	900813		

* ESTIMATED

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 11/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : OCTOBER 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1093	17	1098
2	1091	18	1098
3	1090	19	1099
4	1090	20	1098
5	1091	21	1098
6	1090	22	1099
7	1090	23	1099
8	1093	24	1099
9	1095	25	1099
10	1096	26	1098
11	1096	27	1102
12	1097	28	1101
13	1097	29	1087
14	1098	30	1091
15	1098	31	1093
16	1098		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 11/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : OCTOBER 1994

DAY	TIME	REMARK/MODE
10/01	0000	Unit started month in MODE 1.
10/31	2400	Unit ended month in MODE 1.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 11/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

REPORT MONTH : OCTOBER 1994

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
NONE						

1) REASON

A: EQUIPMENT FAILURE (EXPLAIN)
B: MAINT OR TEST
C: REFUELING
D: REGULATORY RESTRICTION

E: OPERATOR TRAINING AND LICENSE EXAMINATION
F: ADMINISTRATIVE
G: OPERATIONAL ERROR (EXPLAIN)
H: OTHER (EXPLAIN)

2) METHOD

1: MANUAL
2: MANUAL SCRAM
3: AUTOMATIC SCRAM
4: OTHER (EXPLAIN)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 11/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

REPORT MONTH : OCTOBER 1994

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
NONE						

1) REASON

A: EQUIPMENT FAILURE (EXPLAIN)
B: MAINT OR TEST
C: REFUELING
D: REGULATORY RESTRICTION

E: OPERATOR TRAINING AND LICENSE EXAMINATION
F: ADMINISTRATIVE
G: OPERATIONAL ERROR (EXPLAIN)
H: OTHER (EXPLAIN)

2) METHOD

1: MANUAL
2: MANUAL SCRAM
3: AUTOMATIC SCRAM
4: OTHER (EXPLAIN)

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2
NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 11/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

OPERATING STATUS

1. REPORTING PERIOD: OCTOBER 1994 GROSS HOURS IN REPORTING PERIOD: 745
 2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3411 MAX. DEPEND. CAPACITY (MWe-Net): 1150 *
DESIGN ELECTRICAL RATING (MWe-Net): 1150
 3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE
 4. REASON FOR RESTRICTION (IF ANY):
- | | THIS MONTH | YR TO DATE | CUMULATIVE |
|---|------------|------------|------------|
| 5. NUMBER OF HOURS REACTOR WAS CRITICAL | 161 | 4,887 | 8,176 |
| 6. REACTOR RESERVE SHUTDOWN HOURS | 0 | 1,825 | 2,152 |
| 7. HOURS GENERATOR ON LINE | 161 | 4,790 | 8,035 |
| 8. UNIT RESERVE SHUTDOWN HOURS | 0 | 0 | 0 |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | 342,494 | 13,829,753 | 24,447,710 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 112,870 | 4,604,360 | 8,191,587 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | 102,640 | 4,347,356 | 7,779,162 |
| 12. REACTOR SERVICE FACTOR | 21.7 | 67.0 | 74.9 |
| 13. REACTOR AVAILABILITY FACTOR | 21.7 | 92.0 | 94.7 |
| 14. UNIT SERVICE FACTOR | 21.6 | 65.7 | 73.6 |
| 15. UNIT AVAILABILITY FACTOR | 21.6 | 65.7 | 73.6 |
| 16. UNIT CAPACITY FACTOR (USING MDC) | 12.0 | 51.8 | 62.0 |
| 17. UNIT CAPACITY FACTOR (USING DESIGN MWe) | 12.0 | 51.8 | 62.0 |
| 18. UNIT FORCED OUTAGE RATE | 0.0 | 19.7 | 13.3 |
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH) :
 20. IF SHUTDOWN AT END OF REPORTING PERIOD, ESTIMATED DATE OF STARTUP: 11/21/1994
 21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): ACHIEVED

COMMERCIAL OPERATION 930803

* ESTIMATED

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 11/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : OCTOBER 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	216	17	0
2	228	18	0
3	498	19	0
4	890	20	0
5	1108	21	0
6	1104	22	0
7	354	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 11/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : OCTOBER 1994

DAY	TIME	REMARK/MODE
10/01	0000	Unit started month in MODE 1 at 26% reactor power with Main Feedwater Pump 2B out of service due to a failed bearing. Held at 26% reactor power to allow xenon oscillation to dampen.
10/02	2000	Xenon stabilized, raised to 53% reactor power to complete Main Feedwater Pump repairs.
10/04	0030	Replaced pump inboard bearing and pump shaft. Main Feedwater Pump 2B put back in service and raised to 100% reactor power.
10/06	2200	Commenced power reduction for first refueling.
10/07	1634	Tripped Unit 2 Turbine Generator.
	1643	Unit entered MODE 2.
	1720	Tripped Unit 2 Reactor. Unit entered MODE 3.
10/08	1330	Unit entered MODE 4.
10/09	0344	Unit entered MODE 5.
10/10	0808	Core offload complete.
10/31	2400	Unit ended month with core offloaded.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 11/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

REPORT MONTH : OCTOBER 1994

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
17	941001	F			A 4	Main Feedwater Pump 2B Bearing Failed. See previous page.
18	941007	S	584.00		C 1	Refueling Outage #1.

1) REASON

A: EQUIPMENT FAILURE (EXPLAIN)
B: MAINT OR TEST
C: REFUELING
D: REGULATORY RESTRICTION

E: OPERATOR TRAINING AND LICENSE EXAMINATION
F: ADMINISTRATIVE
G: OPERATIONAL ERROR (EXPLAIN)
H: OTHER (EXPLAIN)

2) METHOD

1: MANUAL
2: MANUAL SCRAM
3: AUTOMATIC SCRAM
4: OTHER (EXPLAIN)